3.4.1 POIC Safety

POIC Safety provides on-call payload safety technical expertise to the POIC. On a daily basis, POIC Safety ~~coordinates the~~ reviews the SCM console log to remain cognizant of ~~review and~~ approv~~al~~ed ~~of~~ on-orbit changes which have been identified by the SCM as having an impact to payload safety~~., tracks on-orbit reverification and maintenance activities required for hazard controls, and identifies upcoming hazardous payload operations to the SCM~~. POIC Safety also performs safety assessments when called in by the POD/SCM. When called in, POIC Safety may interface~~s~~ with ~~safety personnel within~~ POIC cadre, ~~at each of the~~ safety personnel at PCCs~~, the Payload Safety Review Panel (PSRP)~~, and with the ISS Safety and Mission Assurance Operations Team (S&MA/OT) and PEI personnel located at the Johnson Space Center (JSC) Mission Evaluation Room (MER). POIC Safety will interface off-line with the Payload Safety Review Panel (PSRP) mission engineers and PEI.

Functions

Nominal Operations, On-board Operations:

A.   ~~Provide cognizance and pre-activity briefing on planned hazardous operations to the SCM.~~
B.   Lead the off-line coordination of payload safety-related activities.

Response to Changes/Anomalies, On-board Operations:

~~A. Provide Safety approval/disapproval of OCRs which have been identified by the SCM as having an impact on operational hazard controls or safety.~~
~~B.~~A.   Coordinate with SCM regarding on-orbit re-verification and maintenance activities required to maintain hazard controls.
~~C.~~B.   Coordinate with SCM, ~~PCCs~~, NASA user, PEI, and ~~S&MA/OT~~ PSRP Mission Support Engineers to develop a safety assessment in response to conditions which arise during on-board operations.

Operations Feedback:

A.   Coordinate with the PSM concerning OCRs which have an impact on future increments or Engineering Change Requests (ECR) that impact the current increment.
B.   Coordinate approval of changes to payload operational hazard controls in mission operations documentation or training with POIC, PCCs, PSRP, S&MA/OT and NASA users.
C.   Coordinate with the PSM concerning safety related operations which require additional realtime support.